



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET TURBINE OIL 32, 46, 68, 100 & 150

DESCRIPTION

Comet Turbine Oil is formulated with premium base oil and fortified with additives to provide exceptional oxidation stability, water reparability, and protection against rust and corrosion. Higher temperatures in advanced gas and steam turbines require circulating system oil with exceptional high temperature stability.

APPLICATIONS

Recommended for lubrication of steam, gas & hydraulic turbines & can be used in hydraulic systems requiring very long life lubricant of outstanding properties. Recommended for lubrication of steam, gas & hydraulic turbines & can be used in hydraulic systems requiring very long life lubricant of outstanding properties.

MEETS PERFORMANCE LEVELS

- DIN 51515, Part 1(L-TD)
- Mil-I-17672D
- ISO 8068
- US Steel 120
- Siemeb TL V901304/01

FEATURES & BENEFITS

- Excellent oxidation and chemical stability
- Properly balanced combination of oxidation & rust inhibitors and antifoam agents
- Excellent demulsibility and quick release of entrained air gives prolonged service life
- Minimum foam helps prevent sump overflow or erratic governor operation.
- Fast air release minimizes possibility of pump cavitation in systems with high circulation rates and small reservoirs.
- Rapid water separation keeps water in oil to a minimum.

HEALTH AND SAFETY

Prolonged and repeated contact with oil may cause skin disorders. In case of skin contact, wash immediately with soap and water. Do not discharge used oils in to drains or the environment.

Dispose to an authorized used oil collection point.



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PHYSICAL PROPERTIES

ISO VG	Method	units	32	46	68	100	150
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	33.5	46	68.0	100	150
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	5.5	6.65	8.67	11	14.6
Viscosity Index	ASTM D 2270		99	95	98	94	96
Density @ 15 °C	ASTM D 1298	Kg/l	0.871	0.876	0.881	0.884	0.892
Pour point	ASTM D 97	°C	-21	-30	-36	-27	-11
Flash point COC	ASTM D92	°C	218	220	225	230	238

NB: Always store on temperature between -5°C to 40°C



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